

Message Text

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TO USMISSION IAEA VIENNA

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TAGS: AORG AFW IAEA

SUBJ: IAEA PROGRAM FOR 1975-80 (GOV/1656, GOV/COM 9/96)

REF: A) IAEA VIENNA 2229; B) IAEA VIENNA 2869

1. SUMMARY: FOLLOWING ARE DETAILED PROGRAMMATIC COMMENTS ON IAEA'S PROPOSED 1975-80 PROGRAM. MISSION MAY DRAW ON THESE COMMENTS DURING APRIL 8 MEETING A AND B COMITE AND SHOULD ALSO BRING THEM TO ATTENTION APPROPRIATE IAEA STAFF. PROGRAMS ON WHICH THERE ARE NO COMMENTS RECEIVED GENERAL APPROVAL AND SHOULD BE SUPPORTED BUT NOT EMPHASIZED.

2. SECTION D. FOOD AND AGRICULTURE (COMMENTS IN SEPTTEL).

3. SECTION E. LIFE SCIENCES (COMMENTS IN SEPTTEL).

4. SECTION F. PHYSICAL SCIENCES.

A) GENERAL - SUGGESTIONS OF AEC DIVISION OF PHYSICAL RESEARCH FOR REALIGNMENT OF MATERIALS RESEARCH EFFORTS BEING TRANSMITTED

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SEPARATELY FOR AGENCY STAFF CONSIDERATION.

B) F. 29 - ANNUAL MEETINGS OF INTERNATIONAL FUSION RESEARCH COUNCIL AND TRIENNIAL CTR CONFERENCES HAVE BEEN HIGHLY PRODUCTIVE AND SHOULD BE CONTINUED. JOURNAL NUCLEAR FUSION IS HIGHEST QUALITY AND PARTICULARLY USEFUL TO AEC IN PUBLISHING RUSSIAN RESEARCH INFORMATION. AEC WELCOMES INCREASED EMPHASIS ON ENVIRONMENTAL ASPECTS OF FUSION POWER.

:) F. 32 - SINCE LARGE ASPECTS OF LASER-INDUCED FUSION RESEARCH ARE CLASSIFIED, FROM US STANDPOINT AND PRESUMABLY FROM STANDPOINT OF MOST OTHER COUNTRIES CONCERNED PROPOSED 1975 ADVISORY GROUP RAISES QUESTION OF MEANINGFUL INTERNATIONAL COOPERATION THIS AREA.

D) F. 32 - PROPOSED RESEARCH CONTRACTS TO SMALLER LABORATORIES FOR FUSION WORK SHOULD BE CAREFULLY REVIEWED -- IN GENERAL, THERE IS CRITICAL LEVEL OF SIZE, EXPERIENCE AND AVAILABLE RESOURCES REQUIRED FOR MEANINGFUL RESULTS.

E) F. 34 - PERIOD 1977-80 SEEMS TOO EARLY FOR LARGE SCALE INTERNATIONAL REACTOR PROJECT, ALTHOUGH DESIGN STUDY TEAMS TO INVESTIGATE CONCEPTUAL RACTORS COULD BE USEFUL.

F) F. 90-116 - NUCLEAR DATA PROGRAMS HAVE BEEN IMPLEMENTED AT HIGH QUALITY LEVEL. IT APPEARS CONSISTENT WITH INDC RECOMMENDATIONS AND MERITS CONTINUED SUPPORT.

5. SECTION I. NUCLEAR POWER AND REACTORS.

A) GENERAL - AGENCY STAFF SHOULD BE COMMENDED FOR GENERALLY EXCELLENT PRESENTATION AND PROGRAM PLANS SHOULD BE STRONGLY SUPPORTED IN VIEW OF WORLDWIDE ENERGY SHORTAGE. INCREASES PROPOSED COMM 9/96 ARE RESPONSIVE TO MEMBERS NEEDS AND SHOULD BE SUPPORTED.

B) I.5.(G) - AGENCY SHOULD GIVE HIGH PRIORITY TO PREPARATION OF GUIDEBOOKS FOR COUNTRIES EMBARKING ON NUCLEAR POWER PROGRAMS. TWO COPIES AEC DOCUMENT WASH-1130 REVISED, UTILITY STAFFING AND TRAINING FOR NUCLEAR POWER, BEING AIRPOUCHED FOR TRANSMISSION TO GENCY STAFF.

C) I. 22-29 AND COMM 9/96 - STRONGLY SUPPORT EXPANSION NUCLEAR
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MATERIALS ACTIVITY AND BELIEVE PROPOSED ADDITION 2 STAFF
NUMBERS IN 1975 SHOULD BE MINIMUM REQUIREMENT MEET NEEDS.

D) I. 59 - WORLDWIDE, REGIONAL AND NATIONAL ASPECTS OF RADIOACTIVE WASTES DISPOSAL SHOULD BE CONSIDERED AS LONG-TERM EXTENSION OF TOTAL FUEL CYCLE OPERATION. WORK WILL INVOLVE COMPILATION AND INTERCHANGE OF INFORMATION ON NATIONAL PROGRAMS AND ATTEMPT TO COORDINATE EFFORTS AND ARRIVE AT AGREED STANDARDS TO BE MET BY ALL.

WILL REQUIRE COORDINATION BETWEEN AGENCY DIVISIONS OF NUCLEAR POWER AND REACTORS AND NUCLEAR SAFETY AND ENVIRONMENTAL PROTECTION.

E) I.71 - ASSUME NUCLEAR POWER PLANNING STUDIES WOULD COVER NATIONAL PLANS FOR GOVERNMENTAL ORGANIZATION AND REQUISITE LEGISLATION, INCLUDING ADEQUATE LEAD TIMES TO PERMIT UTILITIES TO DEVELOP AND IMPLEMENT THEIR PLANS.

F) I.90 - AGENCY'S MODEST PROGRAM FOR DISSEMINATION OF INFORMATION ON ADVANCED REACTOR SYSTEMS MERITS SUPPORT. AEC PLANS CONTINUE PARTICIPATE IN IWGFR, PARTICULARLY IN FIELDS OF ADVANCED ENERGY CONVERSION.

6. SECTION J. NUCLEAR SAFETY AND ENVIRONMENTAL PROTECTION.

A) J. 64-107 - (CLMMENTS IN SEPTTEL).

B) J. 108-129 - NUCLEAR SAFETY PROGRAM SHOWS SERIOUS RESPONSE BY AGENCY TO PREATED U.S. RECOMMENDATIONS RE ADEQUATE STAFF TO PERFORMAND FOLLOW UP SAFETY REVIEWS AND OTHER RAPIDLY GROWING REGULATORY RESPONSIBILITIES. HOWEVER, SUBJECT TO RECOMMENDATIONS AD HOC COMMITTEE OF EXPERTS AND RECOGNIZING POSSIBLE DIFFICULTIES IN FINANCING, USAEC RECOMMENDS REVIEW OF NEED FOR FURTHER STAFF INCREASES BY MID 1975 BEYOND PROPOSALS IN COMM 9/96, WHICH WOULD SEEM TO BE OF MINIMAL LEVEL IN VIEW INCREASED WORKLOAD FORSEEN DURING COMING YEAR. REGULATORY ASPECTS OF NUCLEAR SAFETY BENEFIT BOTH ADVANCED COUNTRIES AND COUNTRIES JUST ENTERING NUCLEAR POWER FIELD AND SHOULD HAVE PRIORITY.

7. SECTION L. INFORMATION AND TECHNICAL SERVICES.

A) GENERAL - STRONGLY SUPPORT OVERALL PROGRAM PLANS, AS HAVING REALISTIC DIRECTION AND PRIORITIES IN MEETING OBJECTIVES OF UNCLASSIFIED

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PROVIDING SYSTEM FOR COLLECTION AND DISSEMINATION TECHNICAL INFORMATION AND FOSTERING INFORMATION EXCHANGE THROUGH SCIENTIFIC MEETING. BUDGET INCREASES APPEAR REFLECT ORDERLY BUILDUP INIS PROGRAM AND COMPUTER SERVICES.

B) L.9 - SUPPORT PLAN TO STUDY FEASIBILITY OF HANDLING ABSTRACTS IN MACHINE READABLE FORM, WHICH COULD OFFER GREATER FLEXIBILITY AND SPEED IF FOUND PRACTICAL IN AGENCY'S INFORMATION PROCESSING SYSTEM.

C) L. 15-21 - INIS MERITS CONTINUED STRONG SUPPORT. MOST OPERATIONAL PROBLEMS APPEAR TO HAVE BEEN RESOLVED AND FURTHER IMPROVEMENTS APPEAR TO BE FORTHCOMING. BELIEVE PLANS FOR INIS SEMINARS 1975-76, ANNUAL CONSULTATIVE MEETING OF LIAISON OFFICERS AND MEETING OF THESAURUS WORKING GROUP ARE VALUABLE MEANS OF ASSUR-

ING SYSTEM RESPONSIVE TO NEEDS.

D) L. 32 - SUPPORT PROPOSED EXPANSION OF CORE MEMORY AND ADDITIONAL PERIPHERAL STORAGE AS PROPOSED IN 1975-76 AS NEEDED FOR INIS AS WELL AS OTHER PROGRAMS.

8. SECTION M. SAFEGUARDS.

A) GENERAL - PROGRAM APPEARS WELL-BALANCED AND VARIOUS COMPONENTS FOR MOST PART INTERDEPENDENT, INCLUDING PROPOSED SYMPOSIUM AND ADVISORY GROUPS.

B) NEW ELEMENT - PHYSICAL PROTECTION OF NUCLEAR MATERIAL IS BECOMING IMPORTANT AND AGENCY COULD PLAY COORDINATING ROLE BY BRINGING CONCERNED PARTIES TOGETHER AND PERHAPS PUBLISHING FURTHER GUIDELINES ON SUBJECT.

9. ANNEX I. CONFERENCE, SYMPOSIA
SUPPORT SAC RECOMMENDATIONS AS TO MEETINGS HAVING PARTICULAR IMPORTANCE. RUSH

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